



# Missouri Society of Health-System Pharmacists Newsletter March/April 2017

## Regulatory Update

### Bert McClary

#### March-April 2017

##### BOARD OF PHARMACY

An additional open session meeting was held on February 25. During this meeting the following subjects were discussed:

- 2020 required rule review. Rules for pharmacy standards of operation, non-resident pharmacies and PIC were discussed and recommendations for changes were made.
- Cardinal Health made a presentation of their “telepharmacy” system which allows a technician to prepare and dispense a prescription at a remote location in conjunction with clinical review and audio/visual oversight by a remote pharmacist. Nine states presently allow variations of this concept.
- MSHP members discussed the advantages of remote technician supervision, especially related to sterile compounding clean rooms and remote checking of technician activities in small rural hospitals with limited onsite pharmacist hours.
- Proposed draft rule language was discussed for Administration of Vaccines by Protocol and Class J Shared Services.
- A brief discussion was held regarding the confusion resulting from joint oversight of hospital practice by BOP and DHSS.

##### BOP HOSPITAL ADVISORY COMMITTEE

During the February 8 telephone conference the committee discussed:

- Revised language for the Class B Hospital guidance document related to labeling.
- Draft language for a Class N Automated Dispensing System rule. The committee agreed to change to the discussion focus from dispensing to distribution.
- Technician Working Group activity was reviewed especially related to remote supervision of technicians.

- Activities of the joint group with MSHP PAI proposing changes in pharmacist MTS/prescribing was discussed, although any recommendations are outside the scope of the committee’s authority.

The March 9 meeting discussions included:

- Class B proposed rule language when inventory is shared between inpatient and outpatient dispensing areas.
- A new proposed draft rule addressing distribution through automated dispensing systems from Class B to non-licensed premises clinics rather than ADS dispensing based on individual patient orders.
- Telepharmacy as related to remote supervision of technicians in areas remote from the hospital or within the pharmacy but not under direct supervision of the pharmacist.

##### BOP TECHNICIAN WORKING GROUP

The Working Group met on March 22 by telephone conference to review and finalize recommendations from the January meeting. Changes were approved on April 3:

- Formal names for the categories of support staff and technicians.
- Definitions/descriptions of the different categories.
- Definitions/descriptions related to education and training requirements.

These will be presented at the Board meeting on April 18.

The committee was not unanimous in recommending that the Board implement these measures. Rather, they are guidance for the Board should the Board decide to move forward with statutory or rule changes.

The final categories recommended are Registered Pharmacy Support Staff, Registered Pharmacy Technician and Registered Advanced Pharmacy Technician. All Technicians would complete education



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and training that meets certain content requirements and Advanced Technicians would be nationally certified.

## **MSHP PRACTICE ADVANCEMENT INITIATIVE**

No additional meetings have been held regarding proposed changes to the statute that authorizes MTS by protocol, including clear pharmacist prescribing authority and controlled substances authority. MPA began preparation for a bill, but there was not time to get it filed this year. Members of the group have held informal discussions regarding preparation of bill language, selecting a legislative sponsor and coordinating promotion of the bill through a coalition of pharmacy and health care organizations.

## **MPA Legislative Day**

MPA's annual Legislative Day on March 29 is an opportunity to learn about statewide pharmacy regulatory issues and interact with state legislators.

Introductory discussions included:

- Important issues facing MSHP, presented by Laura Butkievich.
- Review of legislation filed by Rep. Lynn Morris and Rep. Mike Stephens, both pharmacists.
- Overview of St. Louis County PDMP.
- PolyPharmacy Risk Reduction program update.
- Update on federal legislation affecting pharmacy.

## **MSHP Spring Meeting**

The joint MSHP/ICHP Spring Meeting on March 31 and April 1 included regulatory program topics:

- Review of 340B program issues.
- Presentation of MSHP non-pharmacist Collaborator awards to Kimberly Grinston, Board of Pharmacy and Sharon Burnett, Missouri Hospital Association, for their support of health-system pharmacy through involvement in regulatory issues.

- Essentials of Credentialing and Privileging, presented by Joel Hennenfent, Kersten Weber and Mark Woods.
- Discussion of new and revised statutes and regulations, and explanation of 2017 proposed changes in statutes and regulations, presented by Tom Glenski, BOP and Brian O'Neal, MSHP Public Policy Chair.



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## Affiliate Chapter News and Events

### Mid-Missouri Society of Health-System Pharmacists (MMSHP)

#### Upcoming Events:

**May 18<sup>th</sup>:** *UMHC Pharmacy Resident Clinical Pearls*, Shakespeare's Pizza South

- 6:00 PM – Dinner/networking, 6:30-8:30 PM presentations
- Continuing education credit is approved for 2.0 contact hours (0.2 CEU)
- **RSVP by May 16<sup>th</sup> to [mmsprsvp@gmail.com](mailto:mmsprsvp@gmail.com)**

**June 15<sup>th</sup>:** *Briivact-Introducing a Treatment in Epilepsy*, Chris McD's

**August 17<sup>th</sup>:** *Relypsa*, Location TBD

**\*Call for Officer Nominations due by 5/4/17 for President-Elect and Treasurer\***

**President:** Jordan Anderson, PharmD, BCPS, BCPPS ([AndersonJord@health.missouri.edu](mailto:AndersonJord@health.missouri.edu))

### Saint Louis Society of Health-System Pharmacists (StLSHP)

#### Upcoming Events:

**May 18<sup>th</sup>:** *Rivaroxaban*, Surf and Sirloin

**May 25<sup>th</sup>:** *Briivact*, Location TBD

**June 15<sup>th</sup>:** *Abilify Maintena*, Flemings

**September 25<sup>th</sup>:** StLSHP night at the ballpark honoring technicians and interns (Cardinals vs. Cubs)

**Congratulations to the newly elected STLSP Officers:**

**Carmen Smith as President-Elect and Besu Teshome as Treasurer**

**President:** Mike Daly, PharmD, MSCI, BCPS ([Michael.Daly@ssmsluh.com](mailto:Michael.Daly@ssmsluh.com))

### Greater Kansas City Society of Health-System Pharmacists (GKCSHP)

#### Upcoming Events:

**May 18<sup>th</sup>:** *Clostridium difficile-Associated Diarrhea and Current Considerations for Treatment*, 6:30 PM at Cooper's Hawk Winery and Restaurant

**July 29<sup>th</sup>:** *Member Appreciation Event*, Sporting KC vs. Chicago Fire, Children's Mercy Park, 7:30 PM. More info on tickers and pricing coming soon!

**Congratulations to the newly elected GKCSHP Members:**

**Shiloh Wedermyer as KU student Liaison and Kyle Klindworth as UMKC Student Liaison**

**[GKCSHP is now on Instagram! Follow us @gkcsnp!](#)**

**President:** Bryan Schuessler, PharmD, M.S. ([bschuessler@saint-lukes.org](mailto:bschuessler@saint-lukes.org))

### MSHP Member Spotlight



**Cassie Heffern,  
PharmD, BCAP**

Cassie Heffern is a Ambulatory Care Pharmacy Specialist at Cox Health in Springfield, Missouri. She also serves at the PGY-2 Pharmacy Residency Program Director and is an Assistant Professor of Pharmacy Practice at Saint Louis College of Pharmacy. Cassie attended pharmacy school at University of Missouri-Kansas City School of Pharmacy. She then completed her PGY-1 Pharmacy Practice Residency and PGY-2 Ambulatory Care Pharmacy Residency at CoxHealth. As for as being a clinical ambulatory care practitioner, she loves being able to help patients improve their health and see the major improvements in their lab values. I'm especially grateful when they realize that she as a pharmacist helped them get there. As a residency director and preceptor, she loves developing her learners, not only to learn while they're on rotation, but also in professional skills that will affect them for the rest of their career. Cassie recently finished her second year as secretary of MSHP. She is also working towards making Ozark Area Pharmacist Association more active in the upcoming year. In addition, she is on the Section of Ambulatory Care Practitioner's Educational Steering Committee for ASHP, the ACCP Ambulatory Care PRN and Membership Committee. Outside of work, she likes to do family activities (including spending time with her almost 2 year old), traveling, and shopping.

*Thank you Cassie for being such an integral member of MSHP!*

*Know a member who you think should be featured in the next membership spotlight?  
Contact the Newsletter Committee for more information!*

### CONGRATULATIONS TO OUR 2017 AWARD WINNERS

**Collaborator of the Year:** Kim Ginston

**Lifetime Collaboration Award:** Sharon Burnett

**Pharmacist of the Year:** Megan Musselman

**Outstanding Volunteer:** Abby Yancey

**Best Practice Award:** Tony Huke

**Best Residency Project:** Jessica Brinkmeyer

**Preceptor of the Year:** Erin Hennessey

**Thomas J. Garrison Achievement Award:** Neil Schmidt

**Student Poster Winner:** Miriam Belonwu

**Second Place Student Poster Winner:** Brock Laken



# Missouri Society of Health-System Pharmacists Newsletter March/April 2017

## Featured Article: Specialty Pharmacy

### **CDC updates HPV vaccine recommendation: only two doses in younger adolescents**

**Anne Schwartz, Pharm.D. Candidate 2018  
University of Missouri-Kansas City**

Human papillomavirus (HPV) has recently become the most common sexually transmitted infection in the United States.<sup>1</sup> It is believed that HPV is at fault for more than 90% of anal and cervical cancers, more than 60% of penile cancers, and about 90% of all cases of genital warts in the United States.<sup>2</sup> An estimated 90% of all initial cases are asymptomatic and cleared by patients' immune systems within 2 years. However, persistent infections that are not cleared by the immune system lead to cell abnormalities, which can eventually cause cancerous cell development.<sup>1</sup>

The HPV vaccine helps protect against genital warts and cervical, vaginal, vulvar, and anal cancers caused by nine different types of HPV. These types include 6, 11, 16, 18, 31, 33, 45, 52 and 58.<sup>3</sup> The vaccine is indicated for both males and females 9-26 years of age. In general, the HPV vaccination is recommended to be administered to patients between 11-12 years of age, prior to the start of sexual activity. However, the vaccine can be given at any time during the indicated age range, even if the patient is already sexually active. Safety and efficacy data has not been established during pregnancy. Therefore, it is recommended for pregnant patients to wait until after delivery to receive the vaccination. The vaccination may be given to women who are breastfeeding.<sup>4</sup>

Historically, the HPV vaccination has consisted of a 3-dose schedule, with the second dose given 1-2 months after the first, and the third dose given 6 months after the first. Doses 1 and 2 serve as priming doses, and dose 3 as a booster. In October 2016, the U.S. Center for

Disease Control and Prevention (CDC) recommended adolescents age 9-14 receive a 2-dose schedule of the HPV vaccine at least 6 months apart, but no greater than 12 months apart.<sup>5,6</sup> The 2-dose schedule eliminates the second priming dose, leaving only one priming dose and one booster dose. The recommendation does not impact patients 15-26 years of age.

The new recommendation of a 2-dose schedule arose from the CDC's careful review of clinical trials. The results showed that 2 doses of the HPV vaccine, in adolescents under 15 years of age, produced an immune response similar or higher than the those ages 15-26 who received the 3-dose schedule.<sup>7,8</sup> This recommended schedule aligns with other vaccination schedules, like pertussis and meningitis, helping to boost vaccine compliance and decrease the number of Americans affected by HPV-related cancers and genital warts.

Age	Regimen	Schedule
9 through 14 years	2- dose	0, 6 to 12 months*
	3- dose	0, 2, 6 months
15 through 26 years	3- dose	0, 2, 6 months

\*Second dose must be given at least 5 months after the first dose; if before, a third dose at least 4 months after the second dose is needed<sup>9</sup>

Gardasil-9<sup>®</sup> (9-valent HPV vaccine) is now the only HPV vaccine available in the United States. The last doses of Cervarix<sup>®</sup> expired at the end of November 2016.



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## References

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2. Centers for Disease Control and Prevention (2016, July 6). *HPV-Associated Cancer Statistics*. Retrieved January 18, 2017, from <https://www.cdc.gov/cancer/hpv/statistics/index.htm>
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8. Markowitz LE, Meites E, Unger ER. Two vs Three Doses of Human Papillomavirus Vaccine New Policy for the Second Decade of the Vaccination Program. *JAMA*. 2016;316(22):2370-2372.
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## Upcoming Newsletter Topic for March/April Newsletter

**Topic:** Pulmonary/Critical Care/Toxicology

**Submission Date:** May 8th, 2017

Submit to Hannah Pope: [Hannah.pope@bjc.org](mailto:Hannah.pope@bjc.org)

### Future Newsletter Topics & Deadlines:

*If interested in submitting, it is recommended to email Hannah Pope with the article title in advance to ensure availability*

**May 8<sup>th</sup>**

Pulmonary/Critical Care/Toxicology

**July 10<sup>th</sup>**

Pain Management

**September 11<sup>th</sup>**

Cardiology/Anticoagulation

**November 13<sup>th</sup>**

Infectious Diseases





# Missouri Society of Health-System Pharmacists Newsletter March/April 2017

## **MSHP Board of Directors**

### **2017-2018**

<b>President</b>	Jeremy Hampton	hamptonjp@umkc.edu
<b>President-Elect</b>	Tony Huke	Michael.Huke@tmcmcd.org
<b>Immediate Past President</b>	Laura Butkievich	butkievichl@health.missouri.edu
<b>Secretary</b>	Elaine Ogden	elaine.ogden.m@gmail.com
<b>Treasurer</b>	Davina Dell-Steinbeck	Davina.Dell@ssmhealth.com

## **MSHP Committee Chairs**

### **2016-2017**

<b>Membership Committee</b>	Alexandra Oschman	aoschman@cmh.edu
<b>Public Policy Committee</b>	Brian O'Neal	bconeal@cmh.edu
<b>Newsletter Committee</b>	Hannah Pope	hannah.pope@bjc.org
<b>Education and Programming</b>	Abby Yancey	abigail.yancey@stlcp.edu

## Questions/Comments

If you have any questions or comments about MSHP Newsletter, please don't hesitate to contact the Newsletter Chair, Hannah Pope, [hannah.pope@bjc.org](mailto:hannah.pope@bjc.org) or any other newsletter committee member.

## 2016-2017 MSHP Newsletter Committee Members

Hannah Pope, PharmD, BCPS

Anastasia Armbruster, PharmD, BCPS

Barb Kasper, PharmD, BCACP

*Contact your fellow newsletter committee member for future 2017-2018 Membership Spotlights and Article Submissions!*